



PUBLIC HEALTH DIVISION
Drinking Water Services

Kate Brown, Governor

Oregon
Health
Authority

800 NE Oregon Street, #640
Portland, OR 97232-2162
Phone: 971-673-0191
Fax: 971-673-0694
www.healthoregon.org/DWP

June 6, 2016

Valerie Sovern
Cascade Head Ranch
3370 Ridge Road
Otis, OR 97368

Re: **Water Tanks Replacement Projects (PR#62-2016)**
CHR District Improvement Co (PWS ID#00600)
Conditional Approval

Dear Name:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the water tanks replacement project for CHR District Improvement Co. On April 27, 2016, our office received a set of plans and a geotechnical report. A plan review fee of \$825 was received on May 12, 2016.

The project includes replacement of the water system's two existing reservoirs with two 50,000 gallon Aquastore glass lined bolted steel reservoirs, as well as associated piping and appurtenances.

The plans are approved with the following conditions:

- The submitted geotechnical report references a water tank to be replaced. It is unclear if this geotechnical report is meant to cover both tanks or just one. If the geotechnical report needs updating to include the second tank, the revised report must be submitted prior to construction.
- The existing fence must either remain in place or be restored once the project is completed. Other vandal deterrence methods may be acceptable.
- Screen vents must be provided above the highest water level. Please provide information on the screen used in the ventilator caps.
- The outlet end of the drain/overflow lines must be fitted with angle-flap valve or equivalent protection and must discharge with an airgap to a watercourse or storm drain capable of accommodating the flow.

- Disinfection of the reservoirs must be accomplished according to AWWA Standard C652.
- Coliform bacteria sample results must be submitted after disinfection of reservoirs is complete.

Until we receive verification that the conditions have been met and final approval has been issued, the project is not approved for use. Upon completion of the project, the engineer must verify in writing that construction was completed according to the submitted plans. If substantial changes are made, a set of as-built drawings must be submitted. Documentation demonstrating how the above conditions were met should reference Plan Review #62-2016 and can be emailed to me at Carrie.L.Gentry@state.or.us or mailed to:

Attn: Carrie Gentry
OHA-Oregon Drinking Water Services
PO Box 14450
Portland, OR 97293-0450

If you have any questions, please feel free to call me at (971) 673-0191.

Sincerely,



Carrie Gentry, PE
Regional Engineer
Drinking Water Services

cc: Gregg Baird, OHA/DWS
Dave Crimp, PE, Clearwater Engineering